

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-14 11:28:07

Date of Next Testing: 2027-10-14 11:28:07

Product Name: **DiOC₂(3)**

CAS Number: 905-96-4

Specifications & Purity: ≥98%

Lot #: C2218018

SKU #: **D131350**

Version: **0**

Analysis #: **586510**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.69000 %
Nitrogen by Elemental Analysis	5.5-6.6 (%)	6.04 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.79 %
Carbon by Elemental Analysis	53.1-55.2 (%)	54.35 %
Appearance (D131350)	Orange to Very Dark Red powder or crystals	Orange to Very Dark Red powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Dark Yellow to Orange Clear,c = 1mg/ml	pass	Pass



John Su
QA & QC Manager